SECTION 5. TRANSACTIONS-IN PROCESS

5.1 Receipt of Transactions. The Transactions-In Process is an automated function which enters transactions from one SARSS system to another or from other automated systems (such as ULLS, SAMS, SPBS, etc.). Automated input transactions may be received on diskette, over telephone communication lines, or on tape cartridges. To input transactions from communication lines, the process accesses the Network Router which runs as a background process whenever the system is powered up.

a. The Transactions-In Process must be run at the SARSS1 file server. Any attempt to run Transactions-In at a workstation will produce a screen listing processes that cannot be performed from a workstation (figure 5.1-1).

```
DATE: MM/DD/YY                SARSS1 SARSS1  WARNING SCREEN              TIME: HH:MM:SS

  NOTE: THE FOLLOWING PROCESSES CAN NOT BE EXECUTED ON THE MASTER TERMINAL

                "CUSTIN"      (CUSTOMER IN PROCESS)
                "CUSTOUT"     (CUSTOMER OUT PROCESS)
                "CUSTRAN"     (CUSTOMER TRANSFER PROCESS)
                "PROCESS"     (SARSS1 TRANSACTIONS PENDING PROCESSING)
                "RCOUT"       (RECREATE OUTPUT FILE)
                "SNR"         (RESTART SARSS-1 SNR PROCESS)
                "SPA"         (PRINTER ASSIGNMENT)
                "SSCP"        (SET SARSS1 CONTROL PARAMETERS)
                "TRANSIN"     (TRANSACTION IN PROCESS)
                "TRANOUT"     (TRANSACTION OUT PROCESS)
                "TPF"         (TOTAL PACKAGE FIELDING)
                "TUFOUT"      (TUFMIS OUTPUT PROCESS)


          PRESS <Esc> TO CONTINUE

                                                                      SCREEN 1726
```
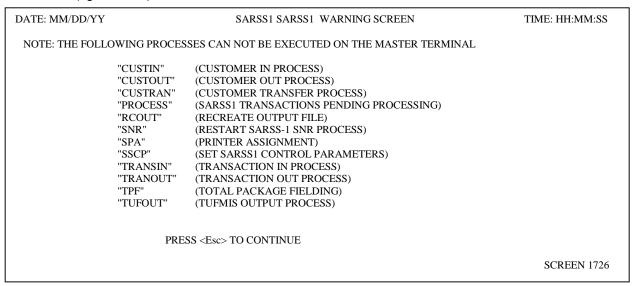
Figure 5.1-1. Media In/Out Note Screen

b. You can run the Transactions-In Process at any time and as many times as needed during the day. You may choose not to process transactions immediately following input. These transactions are then automatically processed during Close-Out (section 12).

c. To access the menu for this process, enter **TRI** on the action line and press <Esc>. The screen in figure 5.1-2 appears.

```
DATE: MM/DD/YY                    SARSS1 TRANSACTIONS-IN MENU                 TIME: HH:MM:SS

            COMMAND                      PROCESS
            +++++++++      +++++++++++++++++++++++++++++++++++++

            TRANSIN        <=== TRANSACTION INPUT FROM:
                                 SARSS-1, SARSS-2A, SARSS-2B, OR DAAS

            CONTRI         <=== TRANSACTION INPUT FROM CONCENTRATOR

            STS            <=== TRANSACTIONS PENDING PROCESSING (STATS)

            PROCESS        <=== PROCESS ALL TRANS-IN TRANSACTIONS

            TPF            <=== INPUT AND PROCESS TPF TRANSACTIONS

            CUSTIN         <=== INPUT FROM CUSTOMERS (ULLS, SAMS, SPBS)

            ACAT           <=== ANNUAL CATALOG DOWNLOAD (AJRC1A)

   ACTION:              <=== ENTER COMMAND TO SELECT YOUR PROCESS              SCREEN 0004
   <HOME>=HELP           MENU = PREVIOUS MENU;  SMM = SARSS MASTER MENU;  LOGOUT = QUIT
```

Figure 5.1-2. SARSS1 Transactions-In Menu

5.1.1 Transactions Received on Diskette. You may receive input transactions from other SARSS activities or supported automated customers on diskette. Input these transactions using either the TRANSIN or CUSTIN Process selection, depending on the source of the diskette.

a. Diskettes from other SARSS activities (SARSS1, SARSS2A, and SARSS2AC/B) are identified by the Source RIC on the diskette label. Input these diskettes using the **TRANSIN** command.

b. Diskettes from automated customers (ULLS, SAMS, or SPBS activities) are identified by the DODAAC on the diskette label. Input these diskettes using the **CUSTIN** command.

NOTE: Currently, customer diskettes can also be input using the **TRANSIN** command.

5.1.2 Diskettes from Other SARSS Activities (TRANSIN). Diskettes received from other SARSS activities will be in MS-DOS format when routed to SARSS1 by SARSS2AC/B. Read these diskettes into the system using the TRANSIN Process selection.

    a. Enter **TRANSIN** on the action line and press <Esc>. The screen (figure 5.1-3) displays a prompt to mount a 3.5" diskette and press <Enter> to process.

```
                          AJP DISKETTE INTERFACE
                               (DOS 3.50)


   Vers 56014                                                    AJP78P11


                          MOUNT DISKETTE NUMBER:

                                    001




                          PRESS <ENTER> TO CONTINUE

                       PRESS <BREAK> OR <QUIT> TO EXIT



```
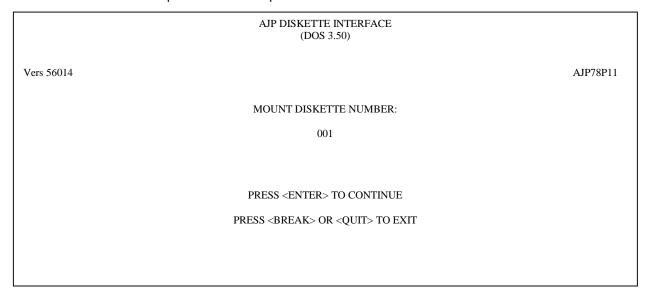
Figure 5.1-3. Mount Diskette Screen (3.5")

    b. When receiving two or more diskettes from any one activity, be sure to check the batch number and diskette number on the diskette label. Batch numbers must be input sequentially starting with the lowest batch number. You must process diskettes within the same batch in sequence, with the lowest number first, before inputting the next batch number. Insert the appropriate diskette and press <Enter>. After you press <Enter>, the system displays a screen with file header information. The system also displays a working message indicating that it is reading incoming transactions into the system.

    c. The system sorts the transactions by DIC and routes them to the appropriate SARSS1 Transactions Pending Processing Files.

d. Numerous types of system errors may be encountered while performing the Transactions-In Process. One example is a sequence check error, the result of entering a diskette out of sequence. When these errors occur, the system displays an error message (figure 5.1-4). For details concerning types of errors and required corrective actions, refer to section 18.

```
DATE: MM/DD/YY                        SNR ERROR HANDLING                    TIME: HH:MM:SS


                    SOURCE..... WAA              DESTINATION. WAD

                    FILEID..... AJRC1D           CMS....... C

                    SEQUENCE CHECK DATA:     STATUS DATA:
                      INDICATOR. Y             STAMP... 073190093006
                      NUMBER.... 00007         STATUS.. E
                                               COMMENT SEQ CK GREATER CURRENT
                    REMARKS.... 2ND SPT CTR TO 82 DMMC
   SOURCE FILE SPEC:
  [SYS]<SNR>AWB>073190043255
   DESTINATION FILE SPEC:
  [SYS]<SARSS1>FILES>AJRC1D>WAL>073190093003


              ERROR SITUATION:   SEQUENCE NUMBER GREATER THAN NEXT SEQUENCE NUMBER
                                 NEXT SEQUENCE NUMBER IS: 5


                                                                        SCREEN 1701
              <F3>          <F4>     <F5>     <F6>     <F7>                  <Home>
              Quit/         Re-Try   Cancel   Skip     Accept                Help/
  ____   ____ Menu          Entry    Entry    Entry    Entry  _____  _____  _____   Info
```

Figure 5.1-4. SNR Error Handling - Sequence Check Screen

e. When the diskette data has been moved into temporary hold files, the screen prompts you to remove the diskette (figure 5.1-5). Return the diskette to its protective jacket and place it in a safe, dry area in accordance with your local SOP. Press <Enter> and the system returns to the Mount Diskette screen. Continue with this process until all diskettes from other SARSS activities have been input. After you are certain that all diskettes have been input, press <Ctrl> <C> to exit this part of the Transactions-In Process.

```
                         AJP DISKETTE INTERFACE
                              (DOS 3.50)


Vers 52356                                                        AJP78P11


                          REMOVE DISKETTE:


                       CURRENT LABEL INFORMATION

                SRC RIC    :  SAR              DEST RIC  :  AIR

                FILE ID    :  AJQ091               DISK  :  001

                DATE/TIME :  DD/DD/YY/HH:MM:     BATCH  :  00002



                     PRESS <RETURN> TO CONTINUE
```

Figure 5.1-5. Remove Diskette Screen

f. The system rechecks the communication queue in case a file came over the communications line while the diskettes were being input.

g. There may be times when SARSS1 is unable to place input transactions into the Transactions Pending Processing Files because something is wrong with the format of the transaction. When this happens, the system creates an error listing of the transactions not processed (figure 5.1-6) and immediately sends it to the printer.

	Bad Data file. These transactions were NOT processed.						
AE1	21005000178806	EA00002WTUTRA90391002R	02	BB	AA	SAR	SARAIRS9031
AE1	5306004080048	EA00001WTUTRA91500001R	02	BB	AA	SAR	SARAIRS9150
AE1	5306004080048	EA00001WTUTRA91500002R	03	BB	AA	SAR	SARAIRS9150

Figure 5.1-6. Transactions-In Error List

(1) When the listing is created as a result of diskette input, forward the diskette and error listing to the originator, who can correct the data and resubmit the diskette.

(2) If the listing was created by data transmitted through communications, write the date of receipt, batch number, and file ID on the listing. Forward the listing to the originator of the transmission and request the data be re-sent.

h. Upon completion of this process, you may immediately process these transactions by using the PROCESS command (discussed later in this section) or process them at a later time. Any transactions remaining in the SARSS1 Transactions Pending Processing Files will process automatically during Close-Out.

5.2 Diskettes from Automated Customers (CUSTIN). Diskettes received from ULLS, SAMS, or SPBS automated customers should be read into the system using the **CUSTIN** command.

a. To access this process from the SARSS1 Transactions-In Menu, enter **CUSTIN** on the action line and press <Esc>. The SARSS1 Media In/Out screen appears briefly followed by the screen in figure 5.2-1.
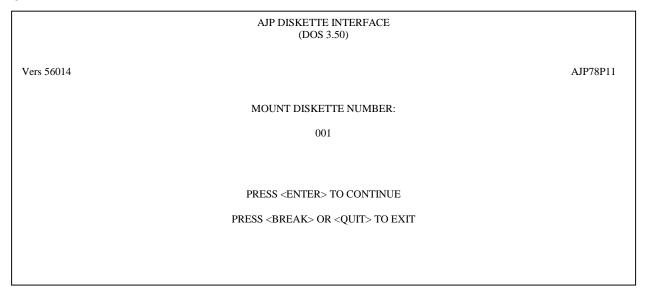
```
                              AJP DISKETTE INTERFACE
                                    (DOS 3.50)


 Vers 56014                                                              AJP78P11



                              MOUNT DISKETTE NUMBER:

                                      001




                            PRESS <ENTER> TO CONTINUE

                         PRESS <BREAK> OR <QUIT> TO EXIT


```

Figure 5.2-1. Mount Diskette Screen

b. Insert an ULLS, SAMS, or SPBS input diskette and press <Enter>.

c. The screen displays a message, "Checking the diskette," and then another message, "Reading label information." If the diskette has a valid DODAAC and MS-DOS format, the system reads the transactions from the diskette and places them in the appropriate hold files.

d. The system then displays the screen in figure 5.2-2, showing label information for the diskette. Press <Enter>. The Mount Diskette screen reappears. Continue processing diskettes until there are no more diskettes, then press <Ctrl> <C>. The Media In Processing screen appears, followed by the SARSS1 Transactions-In Menu.

```
                          AJP DISKETTE INTERFACE
                                (DOS 3.50)


Vers 56014                                                            AJP78P15


                            REMOVE DISKETTE:


                      CURRENT LABEL INFORMATION

            SRC RIC    :  WTUTRA            DEST RIC  :  W4MAIN

            FILE ID    :  AWACE2                DISK  :  001

            DATE/TIME :  DD/DD/YY/HH:MM:        BATCH  :  0000



                      PRESS <RETURN> TO CONTINUE
```

Figure 5.2-2. Remove Diskette Screen

5.3 Transactions Input From Communications. You may also receive transactions over telephone lines from other SARSS activities or automated customers. These transactions enter the system through the SARSS1 computer communications applications and stay in the Network Router Queue until read into the system by the Transactions-In Process. To input transactions to SARSS1 that have been received through communication lines, follow these procedures:

a. Check the communication queues periodically during the day (before running Transactions-In) to find out if any transmissions have been received from other SARSS activities or automated customers.

(1) To check the communication queues, enter **SNRMON** on the action line and press <Esc>. The screen in figure 5.3-1 appears. To identify those transmissions that have been received, look at the Comment field in the left-hand column on the screen. For incoming transmissions, a data received message will appear.

```
┌────────────────────────────────────────────────────────────────────────────────────┐
│ DATE: MM/DD/YY              SARSS1 SNR QUEUE MONITOR              TIME: HH:MM:SS      │
│                                                                                      │
│           SNR FILE......    Y               TARGET RECEIVE.......  Y                  │
│           FILE ID.......    AJTS9A          BACKUP..............   Y                  │
│           SOURCE........    WAE             CMS.................    C                  │
│           DESTINATION...    AWB             TARGET..............   AWB                 │
│           STATUS DATA:                      SEQUENCE CHECK:                           │
│               STAMP......   050490130224        INDICATOR.........  N                 │
│               STATUS.....   X                   NUMBER............  0093              │
│               COMMENT....   DATA RECEIVED                                             │
│                                                                                      │
│           REMARKS.......    WAE TO AWB                                                │
│                                                                                      │
│     SOURCE FILE SPEC......    [sys]<SARSS1>FILES>AJTS9AAWB902200926.SAM               │
│                                                                                      │
│     DESTINATION FILE SPEC.    [SYS]<SARSS1>FILES>AJTS9AAWB902200926.SAM               │
│                                                                                      │
│                                                                                      │
│                                                                     SCREEN 1710      │
│            <F3>                       <F6>                           <Home>           │
│            Quit/                      Next                           Help/            │
│   ____   ____  Menu        ____    ____  Entry   ____   _____  _____  Info            │
└────────────────────────────────────────────────────────────────────────────────────┘
```

Figure 5.3-1. SNR Queue Monitor Screen

(2) Scan the entire queue by pressing the <F6> key until a blank SARSS1 SNR Queue Monitor screen appears displaying the "End Of SNR Queue Entries" message (figure 5.3-2).

```
DATE: MM/DD/YY                    SARSS1 SNR QUEUE MONITOR                    TIME: HH:MM:SS


            SNR FILE......                        TARGET RECEIVE.......
            FILE ID.......                        BACKUP...............
            SOURCE........                        CMS..................
            DESTINATION...                        TARGET..............
            STATUS DATA:                          SEQUENCE CHECK:
                STAMP......                            INDICATOR.........
                STATUS.....                            NUMBER............
                COMMENT....


            REMARKS.......

    SOURCE FILE SPEC......

    DESTINATION FILE SPEC.




                              End Of SNR Queue Entries


                                                                        SCREEN 1710
            <F3>                        <F6>                            <Home>
            Quit/                       Next                            Help/
    ____    ____    Menu        ____    ____    Entry    ____   _____   _____   Info
```

Figure 5.3-2. End Of SNR Queue Entries Message Screen

(3) If there are no transmissions waiting in the queue, there is no need to perform the Transactions-In Process at this time unless you have diskettes to process.

(4) To exit SNRMON, press the <F3> key. The screen returns to the Queue Monitor Menu in figure 5.3-3.

DATE: MM/DD/YY	SARSS1 QUEUE MONITOR MENU	TIME: HH:MM:SS

```
                    COMMAND                      PROCESS
                    +++++++++      ++++++++++++++++++++++++++++++++++++++

                    SNRMON        <===   DISPLAY SNR QUEUE ENTRIES

                    PTPMON        <===   DISPLAY POINT TO POINT QUEUE ENTRIES

                    DISKMON       <===   DISPLAY DISKETTE QUEUE ENTRIES

                    CASMON        <===   DISPLAY CAISI-VEE QUEUE ENTRIES

                    FTPMON        <===   DISPLAY FTP QUEUE ENTRIES

                    QOUT          <===   QUERY ALL OUTBOUND ENTRIES IN QUEUES



 ACTION:               <=== ENTER COMMAND TO SELECT A PROCESS            SCREEN 0027
 <HOME>=HELP           MENU = PREVIOUS MENU;  SMM = SARSS MASTER MENU;  LOGOUT = QUIT
```

Figure 5.3-3. SARSS1 Queue Monitor Menu

b. If the "Data Received" message appears in any SNRMON entries, you must read the transactions into SARSS1 for processing.

(1) Enter **TRANSIN** on the action line and press <Esc>. At this time, the system moves all input transactions received since the last Transactions-In Process was run into input hold files grouped by DIC.

(2) The screen will then prompt you to insert a diskette (figure 5.3-4). If you have diskettes to process, insert a diskette and press <Enter>. When performing the Transactions-In Process for transactions from communications only, press <Ctrl> <C> from this screen.
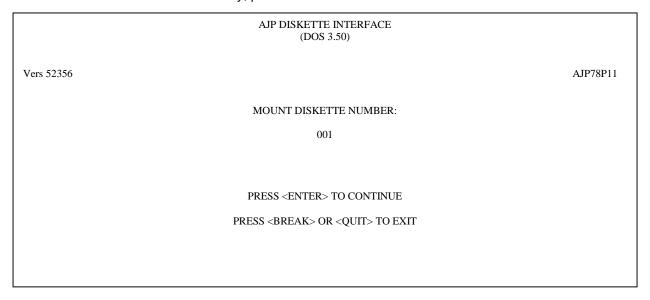
```
                          AJP DISKETTE INTERFACE
                              (DOS 3.50)


Vers 52356                                                          AJP78P11



                          MOUNT DISKETTE NUMBER:

                                  001




                       PRESS <ENTER> TO CONTINUE

                   PRESS <BREAK> OR <QUIT> TO EXIT


```

Figure 5.3-4. Mount Diskette Screen

(3) When you press the <Ctrl> <C> keys, the system moves to the Network Router Queue and begins reading transactions into the Transactions Pending Processing Files.

(4) If any Network Router error messages are received during processing, refer to section 18 for details concerning the types of errors and required corrective actions.

(5) After reading the transactions into SARSS1, the system returns to the SARSS1 Transactions-In Menu. You may process these transactions immediately or later in the day. Close-Out automatically processes any transactions remaining in the hold file.

5.4 Catalog Download Input ACAT. Periodic Catalog Downloads may come from SARSS2AC/B on tape cartridge. Read them into SARSS1 using the ACAT command which places them in the appropriate hold files. This Catalog File is based upon corps-wide requirements and will not be tailored to each specific SARSS1 activity. Input catalog records on tape as described below.

a. To access this process from the SARSS1 Transactions-In Menu, enter the **ACAT** command on the action line and press <Esc>. The screen shown in figure 5.4-1 appears.
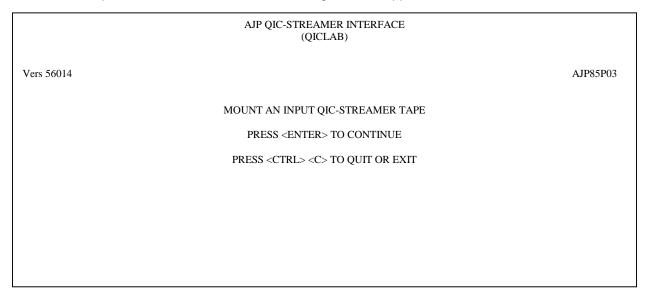
```
                    AJP QIC-STREAMER INTERFACE
                          (QICLAB)


Vers 56014                                                      AJP85P03



                MOUNT AN INPUT QIC-STREAMER TAPE

                   PRESS <ENTER> TO CONTINUE

                PRESS <CTRL> <C> TO QUIT OR EXIT
```

Figure 5.4-1. Processing Message Screen

b. Follow the screen prompt and insert the catalog tape cartridge into the file server and press <Enter>. The screen in figure 5.4-2 appears.

```
                    AJP QIC-STREAMER INTERFACE
                          (QICLAB)


Vers 56014                                                      AJP85P02




                    CHECKING QIC-STREAMER



                PRESS <CTRL> <C> TO CANCEL
```
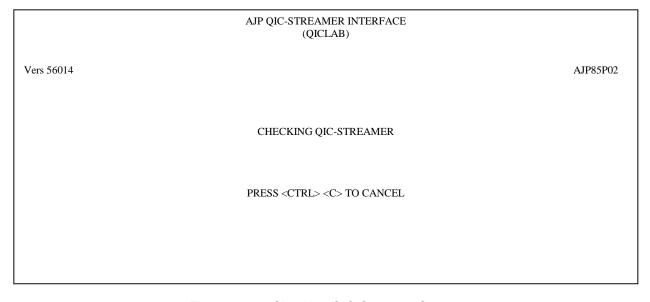
Figure 5.4-2. Checking QIC-Streamer Screen

c. The system reads the catalog transactions from the tape and places them in the appropriate hold file. Follow the screen prompts to complete the catalog Download Process. As with any input

transactions, you may process the catalog records immediately or wait until later. Close-Out will automatically process any catalog transactions present in the hold files.

5.5 Transactions Pending Processing (STATS). This process displays the types and total number of transactions awaiting processing.

a. Enter **STS** on the action line and press <Esc>. The system displays the following screen (figure 5.5-1).

```
DATE: MM/DD/YY                    SARSS1 TRANSACTIONS PENDING              TIME: HH:MM:SS
                                          PROCESSING

 PROCESS                    TOTAL              PROCESS                       TOTAL

ACTIVITY FILE UPDATE .......................00000    PARAMETERS................... ...............00000
ASL UPDATE.............................00000         RECEIPT........................ ...............00000
CANCELLATION................ ...............00000    REDISTRIBUTION.............. ...............00000
CATALOG...................... ...........................000000    REFERRALS.......................................00000
FOLLOWUP.................... .......................00000    SNRF DOWNLOAD.............. ...............00000
ISSUES.......................................00000         SNRF UPDATE....................................00000
LONG PART NO.............. .....................00000    STATUS..................... ...............00000
MODIFICATION............................ ...............00000    WHOLESALE ISSUES.......................................00000


INVALID DIC...........................................00000    TRANSACTIONS-OUT......................................00000

PRESS <F12> FOR HARDCOPY.
PRESS <Esc> TO RETURN TO TRANSACTION-IN MENU




ACTION:                        <=== ENTER COMMAND TO SELECT YOUR PROCESS            SCREEN 1012
<HOME>=HELP                    MENU  =  PREVIOUS  MENU;   SMM  =  SARSS  MASTER  MENU;   LOGOUT  =  QUIT
```

Figure 5.5-1. SARSS1 Transactions Pending Processing Screen

b. To get a hard copy of this screen, press the **<F12>** key.

c. To exit this screen, either press <Esc> to return to the Transactions-In Menu or enter a valid command on the action line and press <Esc>.

5.6 Process All Input Transactions (Process). This procedure allows you to process those transactions input to the hold files during the Transactions-In, Customer-In, or Catalog Download Processes.

a. Enter **PROCESS** on the action line and press <Esc>. The system displays the SARSS1 Transactions Pending Processing screen.

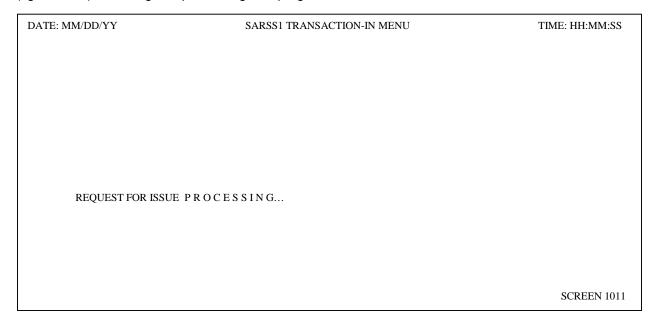b. Press <Esc> to begin processing the displayed transactions. A message appears on the screen (figure 5.6-1) indicating that processing is in progress.

```
DATE: MM/DD/YY                SARSS1 TRANSACTION-IN MENU                TIME: HH:MM:SS









          REQUEST FOR ISSUE  P R O C E S S I N G...





                                                                        SCREEN 1011
```

Figure 5.6-1. Screen Message Indicating Processing is in Progress

c. As processing occurs, the screen displays the names of the processes accessed.

d. Upon completion, the system displays a "Transactions-In Processing Completed" message and then returns to the Transactions-In Menu. Since transactions can be entered at any time, any transactions input interactively while that program is running are also processed. During Close-Out, the system automatically processes all pending transactions.

5.7 Process Total Package Fielding Transactions (TPF). This procedure allows the operator to process total package fielding transactions received from United States Army Materiel Command (AMC). TPF handles the initial provisioning of repair parts when a new weapon system or end item is introduced into the Army. AMC develops a total package that identifies the system or end item and all related repair parts, test equipment, special tools, and publications to support the new equipment. TPF packages will normally consist of the initial stockage of repair parts for the equipment. The document numbers assigned to the items in the package will have AMC document numbers. For identification, the first position of the serial number contains a letter from A to F. The supplementary address contains the DODAAC of the ultimate user, which could be either a unit or a SARSS1 activity. Normally, you will receive TPF transactions on diskette prior to receipt of the actual supplies, but you may receive them

together. In either case, process the diskettes before the receipt transactions whenever possible. If a TPF receipt arrives without a diskette, ensure that the DODAAC in the document number field is on the DODAAF as a Type Unit Code X (wholesale DODAAC). If the DODAAC is not on the DODAAF, it must be added at the SARSS2A or SARSS2AC level. Process the receipt as a wholesale receipt (D6S) not due in. If a TPF fielding occurs and an AMC document number by item is not received, the responsible fielding command (TACOM, CECOM, etc.) must be contacted.

a. To process TPF diskettes, enter **TPF** on the action line and press <Esc>. The screen prompts the operator to enter the TPF File ID, located on the diskette (figure 5.7-1).
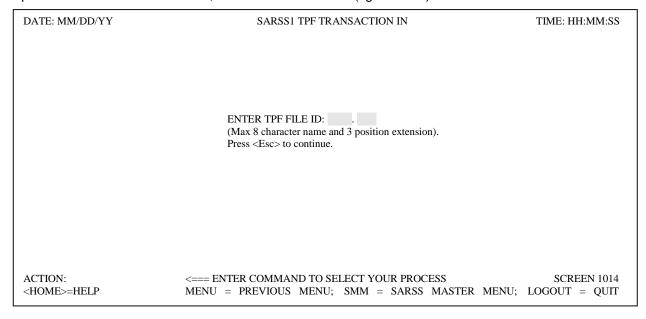
```
DATE: MM/DD/YY                      SARSS1 TPF TRANSACTION IN                    TIME: HH:MM:SS




                              ENTER TPF FILE ID:        .
                              (Max 8 character name and 3 position extension).
                              Press <Esc> to continue.







ACTION:                      <=== ENTER COMMAND TO SELECT YOUR PROCESS                   SCREEN 1014
<HOME>=HELP                  MENU  =  PREVIOUS  MENU;   SMM  =  SARSS  MASTER  MENU;   LOGOUT  =  QUIT
```

Figure 5.7-1. Insert TPF Diskette Screen

b. If the file ID is not on the diskette, it will be in the documentation provided by AMC. The file ID can also be determined by executing a DIR command in DOS.

c. Once the file ID is entered and the <Esc> key is pressed, the system prompts the user to mount the input diskette.

d. Continue to follow screen prompts until the system displays a screen which shows that the TPF file data is being converted. The process is copying the data on the diskette to the Transactions Pending Processing File. Once that is complete, the diskette may be removed and normal Transactions-In processing occurs. Transactions contained on TPF diskettes do not remain in the Transactions Pending Processing File, but are processed immediately into the SARSS1 Master Files.